

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the instant application:

Listing of Claims:

1. (Currently Amended) A method for preparing a document to be read by a text-to-speech reader, said method comprising:

identifying two or more voice types available to the text-to-speech reader;

identifying text elements within the document, wherein identifying text elements comprises marking gross structural subdivisions of text with a first set of sequenced tags, marking individual paragraphs of the text with a second set of sequenced tags, and marking text elements with a third set of sequenced tags to generate a hierarchical tree identifying the text elements;

grouping similar text elements together, wherein the step of grouping comprises generating one or more clusters according to each identifiable topic of the document, syntactically parsing the document and subsequently performing text mining to determine which text elements in the document are similar, wherein similarity is based upon lexical affinities among the text elements; and

classifying the text elements according to voice types available to the text-to-speech reader.

2. (Original) A method as claimed in claim 1, further comprising marking a text element with a tag corresponding to the voice type classification of the text element.

3. (Original) A method as claimed in claim 1, wherein the step of identifying text elements comprises breaking down the document into elements and separating out the text elements.

4. (Original) A method as claimed in claim 1, wherein the step of grouping similar text elements together comprises parsing for structural features of the text elements.
5. (Original) A method as claimed in claim 4, wherein the structural features of the text elements include at least one of the position of the text element in the document, the syntax of the text element, and text features within the text element.
6. (Original) A method as claimed in claim 4, wherein the step of grouping similar text elements further comprises parsing for thematic features of the text elements.
7. (Original) A method as claimed in claim 1, wherein the step of classifying the text elements according to the available voice types comprises finding the best match between the grouped text elements and the characteristics of the voice types.
8. (Original) A method as claimed in claim 7, wherein the step of classifying the text elements according to the characteristics of the available voice types comprises identifying similar themes within the text elements and voice types.
9. (Original) A method as claimed in claim 7, wherein the step of classifying the text elements according to the characteristics of the available voice types comprises identifying similar intentions within the text elements and voice types.
10. (Currently Amended) A system for preparing a document to be read by a text-to-speech reader, said system comprising:
means for identifying two or more voice types available to the text-to-speech reader;

means for identifying text elements within the document, wherein the means for identifying text elements is configured to mark gross structural subdivisions of text with a first set of sequenced tags, mark individual paragraphs of the text with a second set of sequenced tags, and mark text elements with a third set of sequenced tags to generate a hierarchical tree identifying the text elements;

means for grouping similar text elements together, wherein said means groups similar text elements by generating one or more clusters according to each identifiable topic of the document and by syntactically parsing the document and subsequently performing text mining to determine which text elements in the document are similar, wherein similarity is based upon lexical affinities among the text elements; and

means for classifying the text elements according to voice types available to the text-to-speech reader.

11. (Original) A system as claimed in claim 10, further comprising means for marking a text element with a tag corresponding to the voice type classification of the text element.

12. (Original) A system as claimed in claim 10, wherein the means for identifying text elements comprise means for breaking down the document into elements and means for separating out the text elements.

13. (Original) A system as claimed in claim 10, wherein the means for grouping similar text elements together comprise means for parsing for structural features of the text elements.

14. (Original) A system as claimed in claim 13, wherein the structural features of the text elements include at least one of the position of the text element in the document, the syntax of the text element, and text features within the text element.

15. (Original) A system as claimed in claim 13, wherein the means for grouping similar text elements further comprise means for parsing for thematic features of the text elements.

16. (Original) A system as claimed in claim 10, wherein the means for classifying the text elements according to the available voice types comprise means for finding the best match between the grouped text elements and the characteristics of the voice types.

17. (Original) A system as claimed in claim 16, wherein the means for classifying the text elements according to the characteristics of the available voice types comprise means for identifying similar themes within the text elements and voice types.

18. (Original) A system as claimed in claim 16, wherein the means for classifying the text elements according to the characteristics of the available voice types comprise means for identifying similar intentions within the text elements and voice types.

19. (Currently Amended) A computer-readable storage, having stored thereon a computer program having a plurality of code sections executable by a machine for causing the machine to perform the steps of:

identifying two or more voice types available to the text-to-speech reader;

identifying text elements within the document, wherein identifying text elements comprises marking gross structural subdivisions of text with a first set of sequenced tags, marking individual paragraphs of the text with a second set of sequenced tags, and

marking text elements with a third set of sequenced tags to generate a hierarchical tree identifying the text elements;

grouping similar text elements together, wherein the grouping comprises generating one or more clusters according to each identifiable topic of the document, syntactically parsing the document and subsequently performing text mining to determine which text elements in the document are similar, wherein similarity is based upon lexical affinities among the text elements; and

classifying the text elements according to voice types available to the text-to-speech reader.

20. (Previously Presented) A computer-readable storage as claimed in claim 19, further causing the machine to perform the step of marking a text element with a tag corresponding to the voice type classification of the text element.

21. (Previously Presented) A computer-readable storage as claimed in claim 19, wherein the step of identifying text elements comprises breaking down the document into elements and code for separating out the text elements.

22. (Previously Presented) A computer-readable storage as claimed in claim 19, wherein the step of grouping similar text elements together comprises parsing for structural features of the text elements.

23. (Previously Presented) A computer-readable storage as claimed in claim 22, wherein the structural features of the text elements include at least one of the position of the text element in the document, the syntax of the text element, and text features within the text element.

24. (Previously Presented) A computer-readable storage as claimed in claim 22, wherein the step of grouping similar text elements further comprises parsing for thematic features of the text elements.

25. (Previously Presented) A computer-readable storage as claimed in claim 19, wherein the step of classifying the text elements according to the available voice types comprises finding the best match between the grouped text elements and the characteristics of the voice types.

26. (Previously Presented) A computer-readable storage as claimed in claim 25, wherein the step of classifying the text elements according to the characteristics of the available voice types comprises identifying similar themes within the text elements and voice types.

27. (Previously Presented) A computer-readable storage as claimed in claim 25, wherein the step of classifying the text elements according to the characteristics of the available voice types comprises identifying similar intentions within the text elements and voice types.